

FIG. 1

2/10

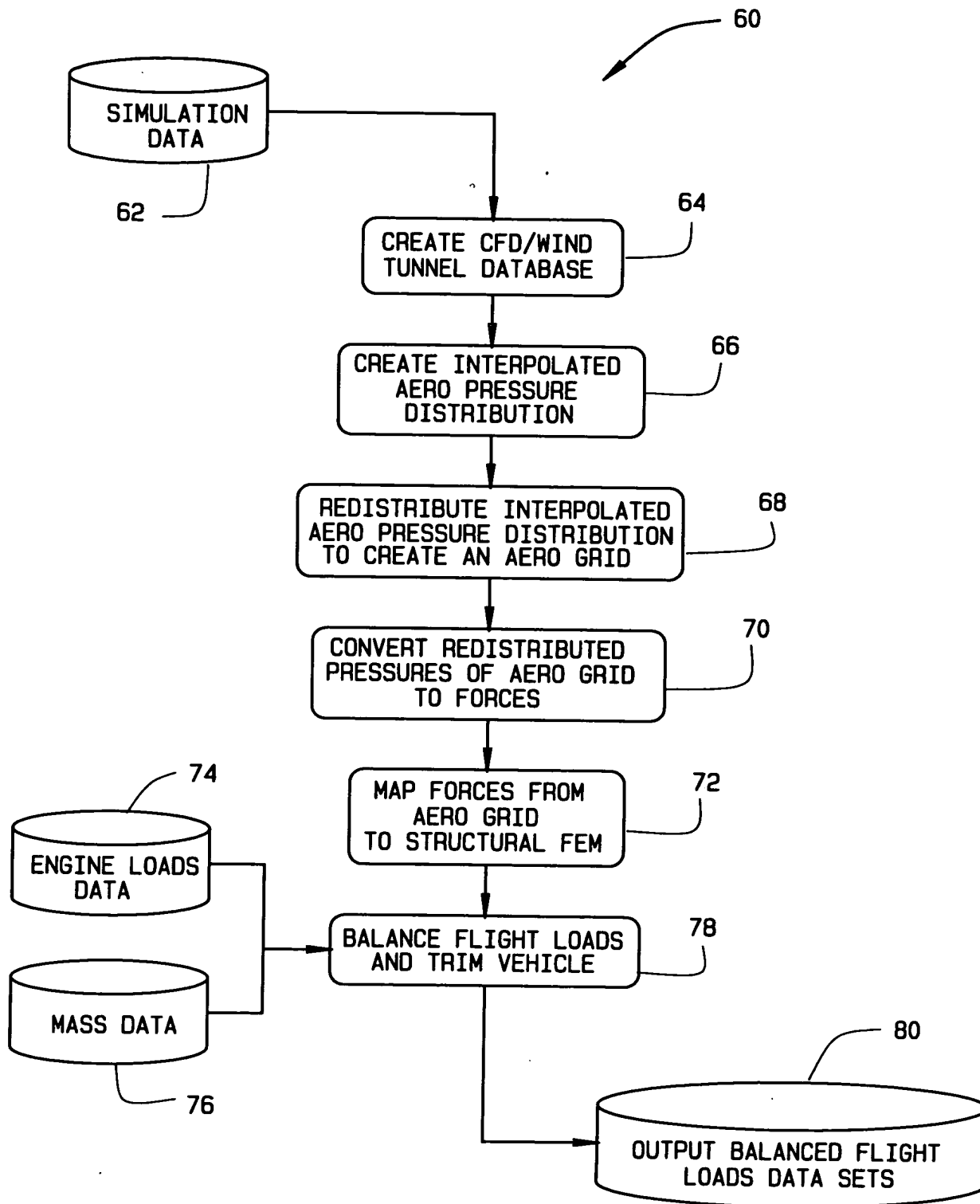


FIG. 2

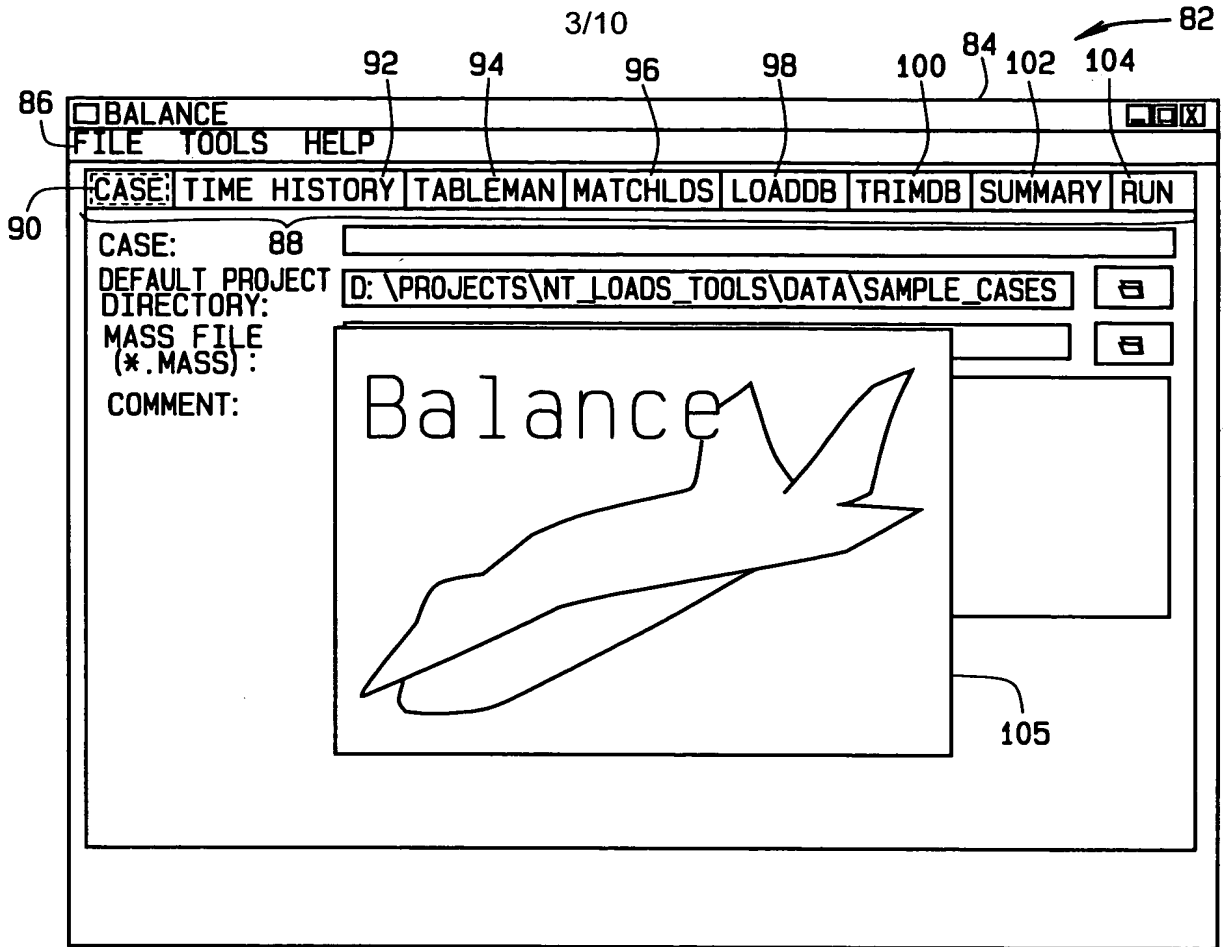


FIG. 3

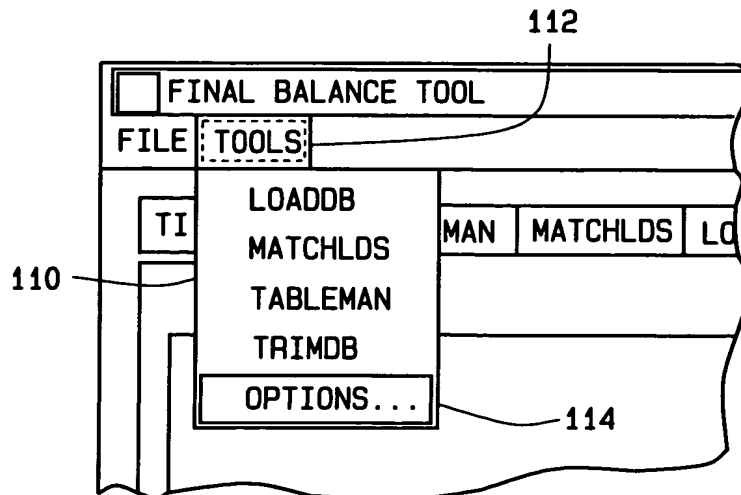


FIG. 4

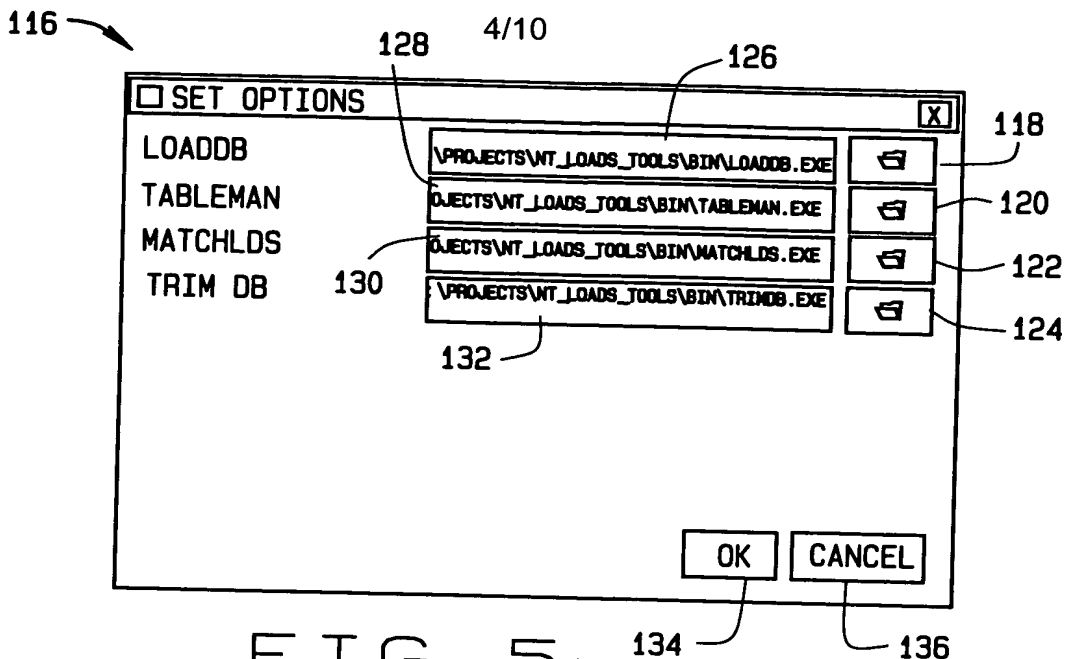


FIG. 5

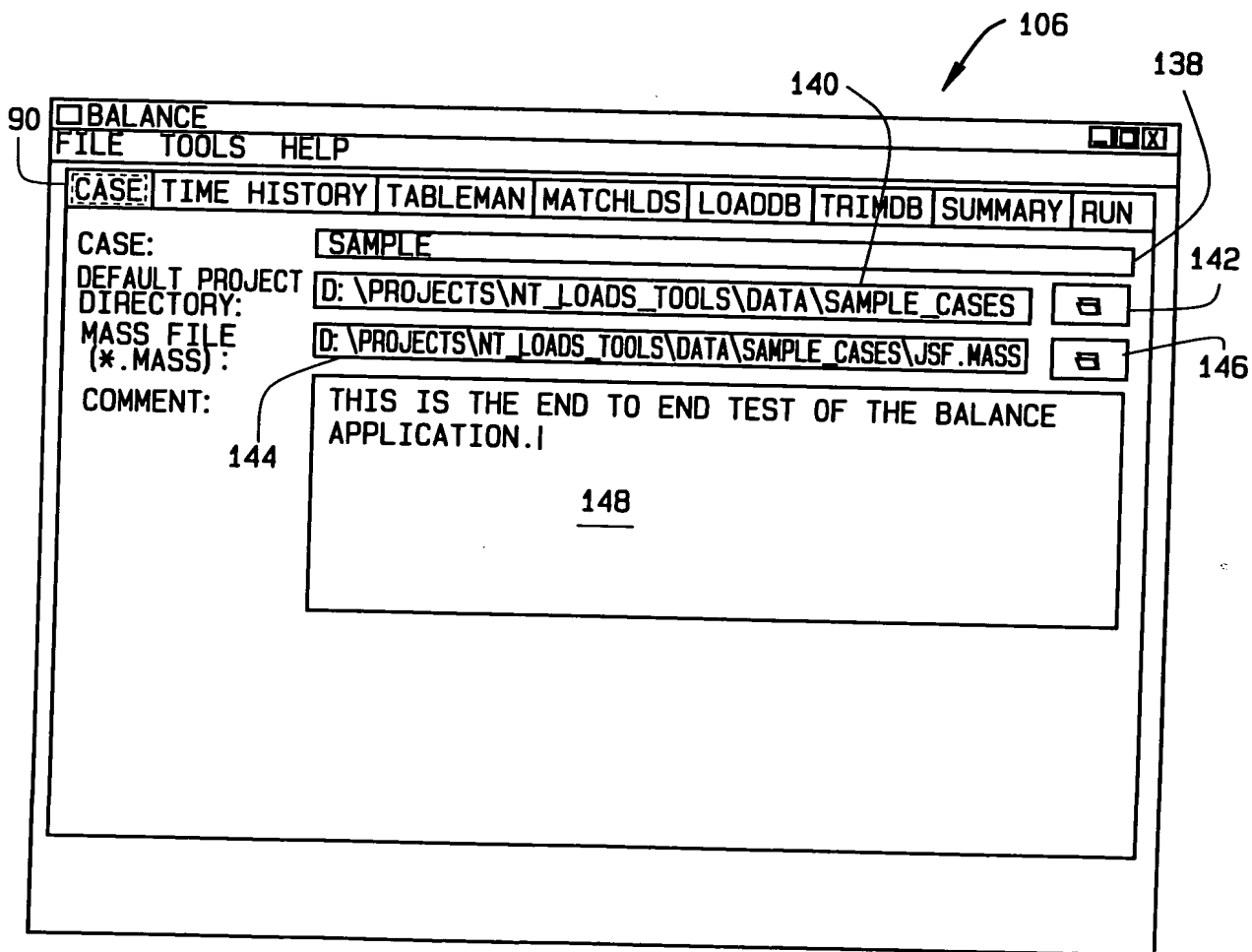


FIG. 6

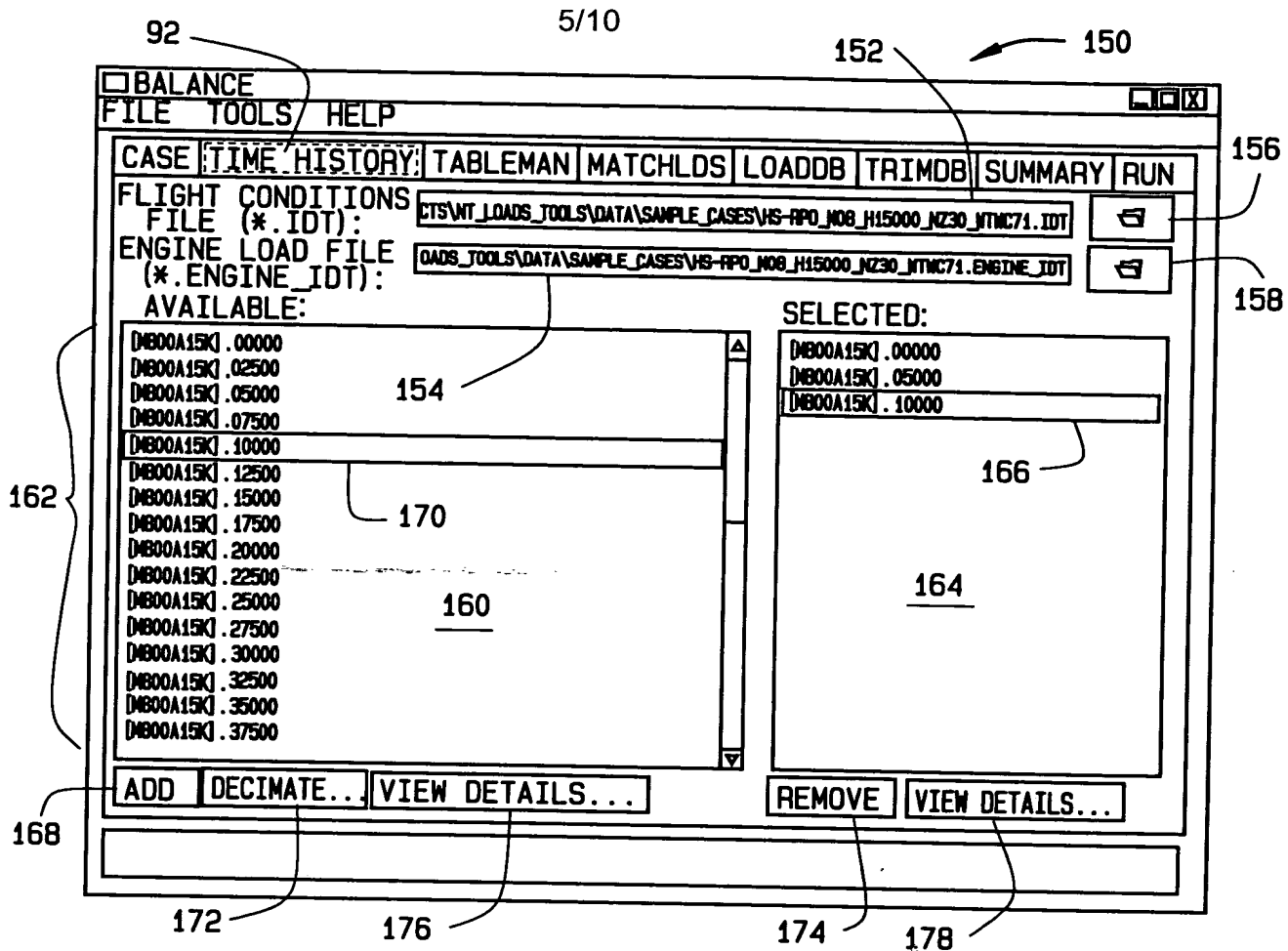


FIG. 7

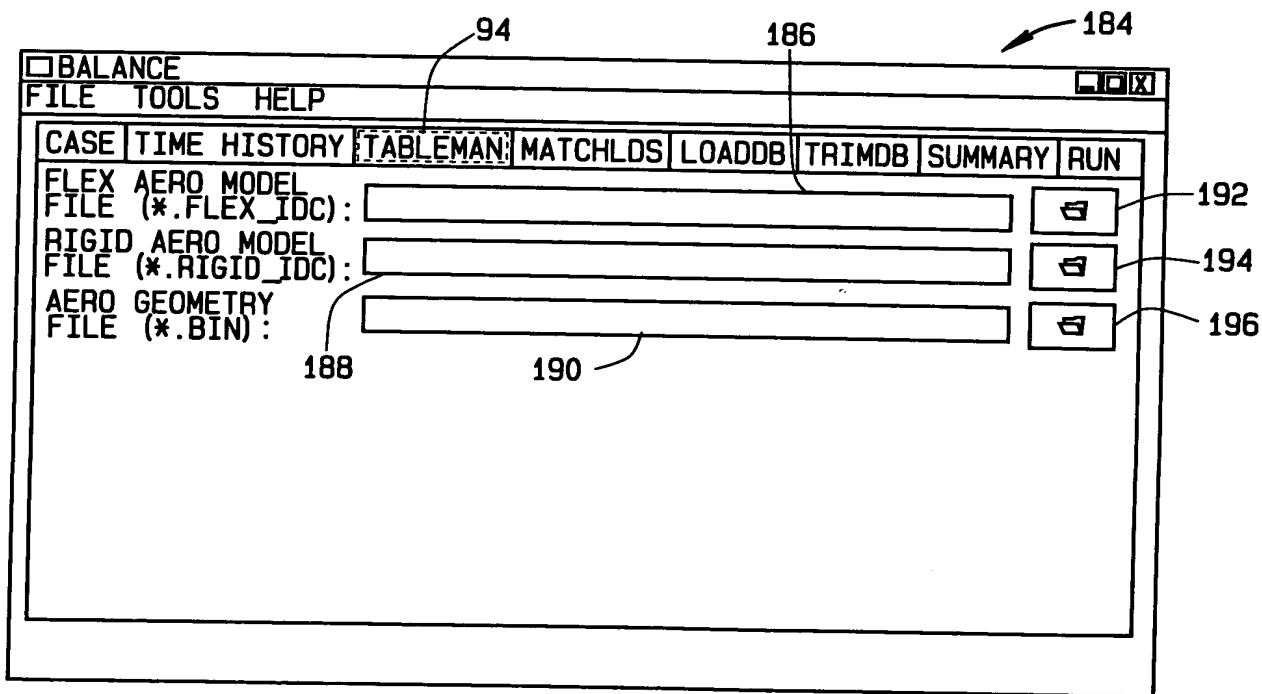


FIG. 9

☐ BALANCE

FILE TOOLS HELP

CASE TIME HISTORY TABLEMAN MATCHLDS LOADDDB TRIMDB SUMMARY RUN

FLIGHT CONDITIONS
FILE (*.IDT): CTS\VT LOADS TOOLS\DATA\SAMPLE_CASES\H5-RPO MD8_H15000_NZ30_ITMC71.IDT
ENGINE LOADS FILE (*.ENGINE_IDT): [MB00A15K].10000
AVAILABLE:

[MB00A15K].00000	90000 1Z	-0.6210E+4	ED: A15K].00000
[MB00A15K].02500	90000 2Y	-0.8786E+3	A15K].05000
[MB00A15K].05000	90000 3X	-0.1434E+5	A15K].10000
[MB00A15K].07500	90000 3Z	-0.8950E+4	
[MB00A15K].10000	90000 4X	-0.9003E+4	
[MB00A15K].12500	90000 4Z	-0.2596E+4	
[MB00A15K].15000	90000 5Y	0.1092E+4	
[MB00A15K].17500	90000 6Z	-0.1378E+4	
[MB00A15K].20000	90000 7Y	0.8486E+2	
[MB00A15K].22500	90000 8X	-0.1404E+4	
[MB00A15K].25000	90000 8Z	-0.4340E+3	
[MB00A15K].27500	90000 9X	-0.9243E+3	
[MB00A15K].30000	90000 9Z	-0.1527E+4	
[MB00A15K].32500	ADOTR	.512E-03	
[MB00A15K].35000	ALPHA	5.09	
[MB00A15K].37500	ALT	.1503+05	
	BDOTR	800E_03	
	BETA	.256E-01	

ADD DECIMATE... VIEW DETAILS... REMOVE VIEW DETAILS...

FIG. 8

☐ BALANCE

FILE TOOLS HELP

CASE TIME HISTORY TABLEMAN MATCHLDS LOADDDB TRIMDB SUMMARY RUN

COMPONENT DEFINITION
FILE (*.COMP): D:\PROJECTS\VT_LOADS_TOOLS\DATA\SAMPLE_CASES\JSF.COMP

SETUP COMPONENT TARGETS

SMOOTH SOLUTION FAST SOLUTION

MAXIMUM DESIRED DELTA PRESSURE
(UNITS ARE THE SAME AS INPUT FILE): 1.0

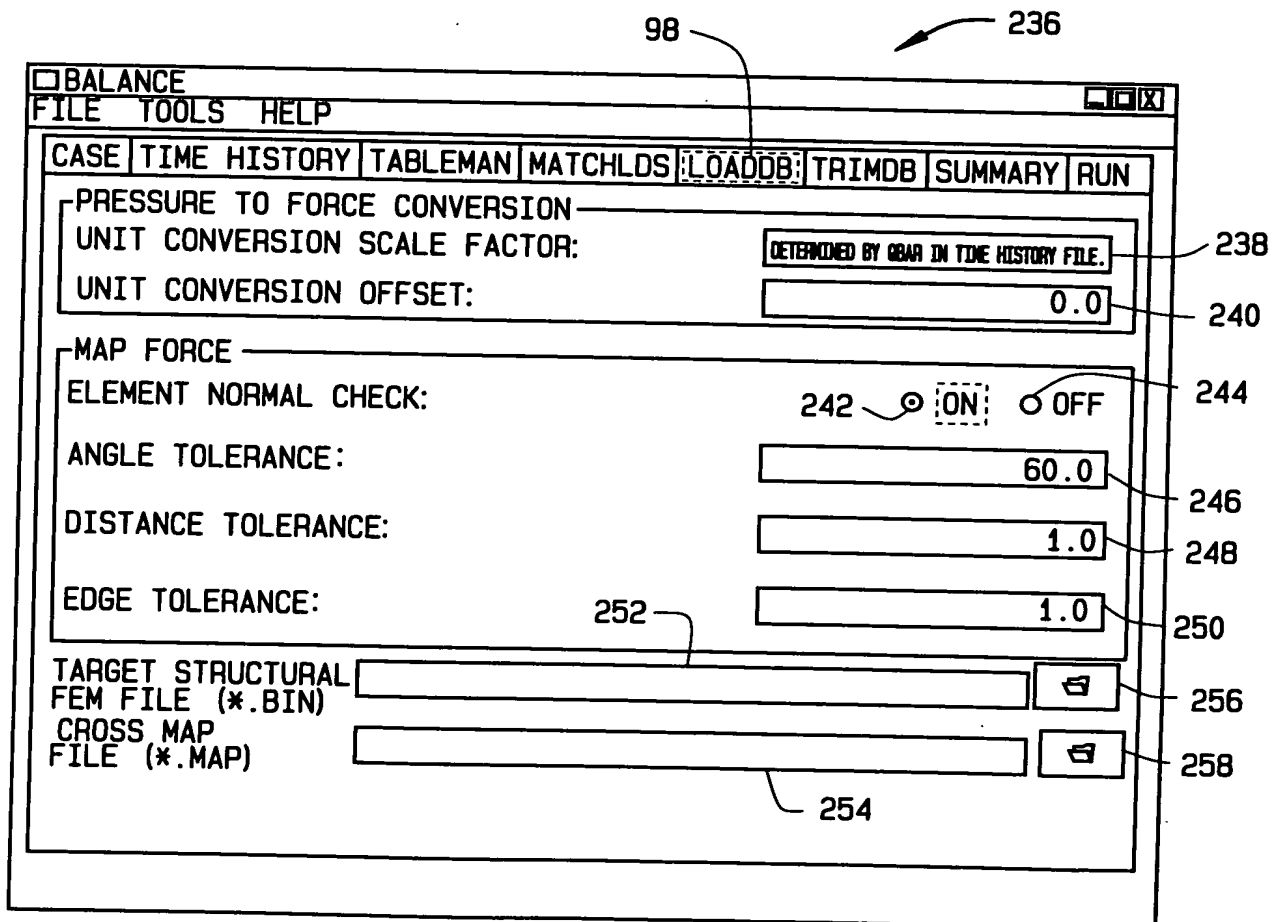
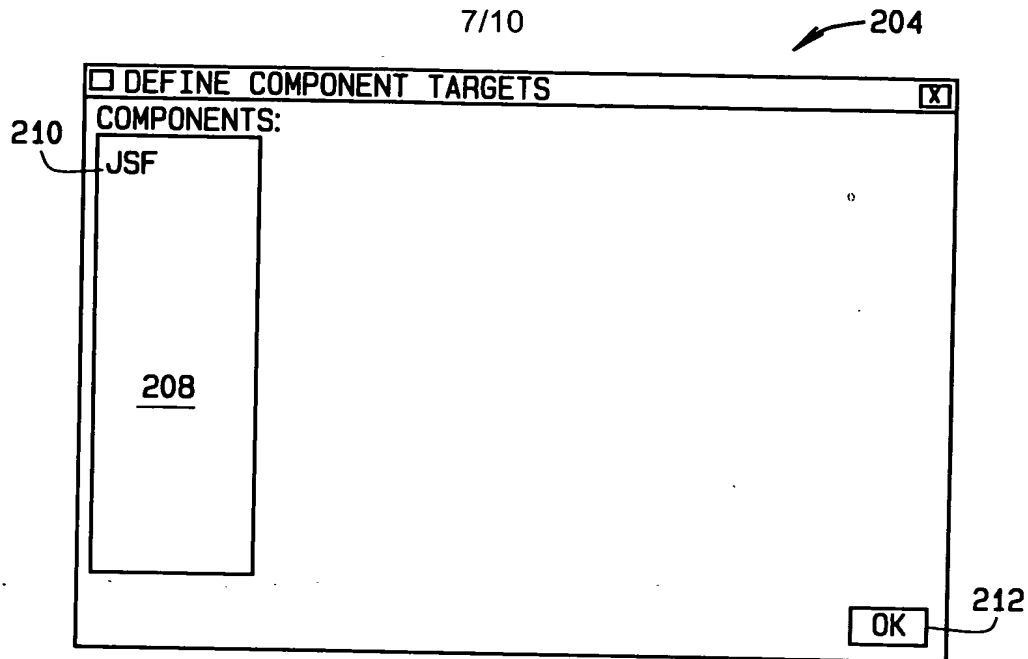
MAXIMUM ACCEPTABLE ERROR LEVEL (%): 1.0

WRITE LOADDDB BINARY OUTPUT FILE CONTAINING
DELTA PRESSURE DISTRIBUTION? YES NO

SMOOTHING LENGTH (SMOOTH SOLUTION ONLY): 10.0

FIG. 10

7/10



8/10

217 214 204

☐ DEFINE COMPONENT TARGETS ☒

COMPONENTS: JSF

210 JSF

218

208

TARGET

216

ENGINE

215

213

212

TOTAL VEHICLE ☒

220 OK

FIG. 12

100 260

☐ BALANCE

FILE TOOLS HELP

CASE TIME HISTORY TABLEMAN MATCHLDS LOADDB TRIMDB SUMMARY RUN

262

		INCREMENT	MINIMUM	MAXIMUM
<input checked="" type="checkbox"/> FX	AX	1.0	-5000.0	5000.0
<input checked="" type="checkbox"/> FY	AY	1.0	-5000.0	5000.0
<input checked="" type="checkbox"/> FZ	AZ	1.0	-5000.0	5000.0
<input checked="" type="checkbox"/> MX	PDOT	1.0	-5000.0	5000.0
<input checked="" type="checkbox"/> MY	QDOT	1.0	-5000.0	5000.0
<input checked="" type="checkbox"/> MZ	RDOT	1.0	-5000.0	5000.0

263 ☒ CONVERT INERTIA NEUTRAL FILE TO BULK DATA FILE

FIG. 14



10/10

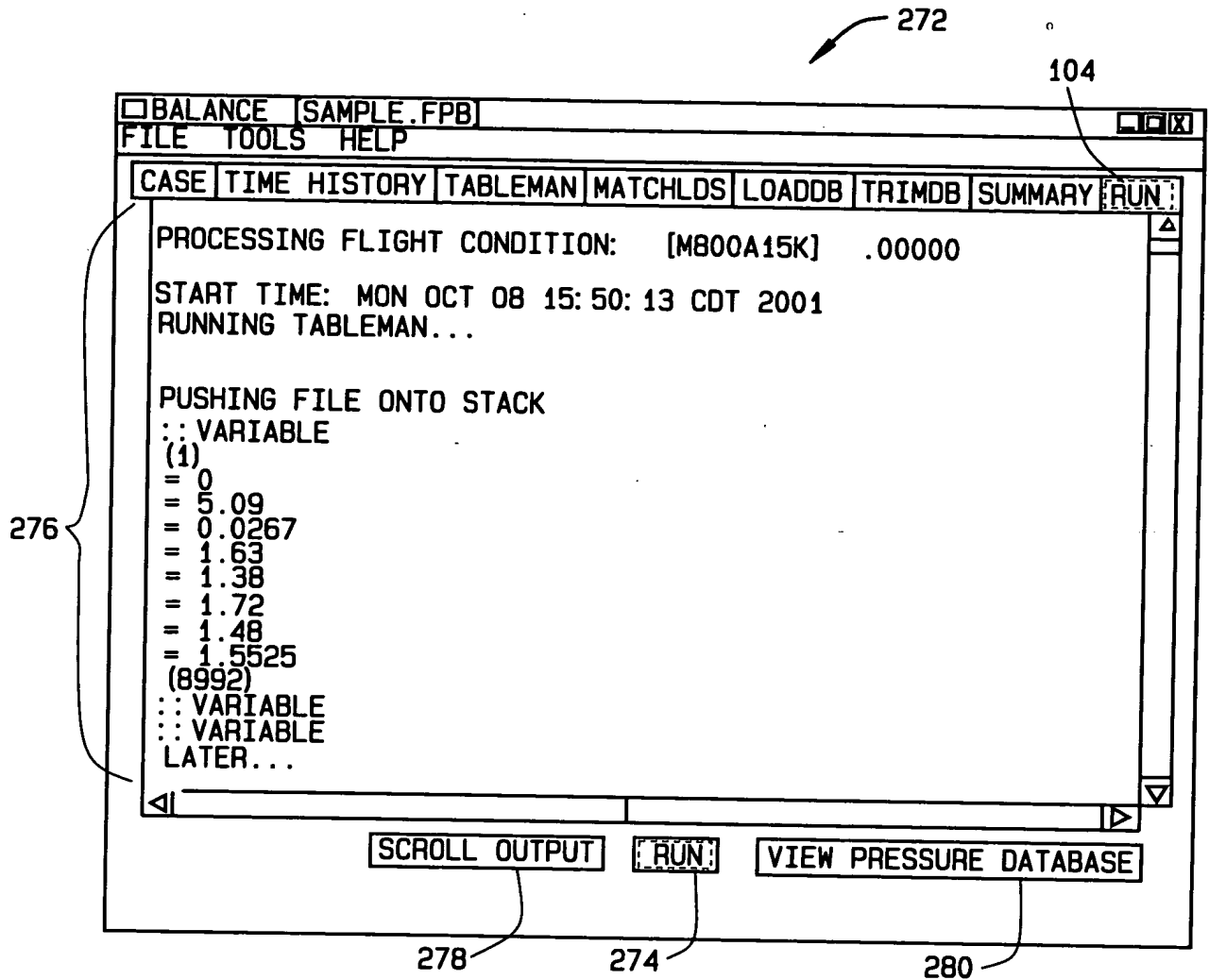


FIG. 17